Index of Claims

Application/Control No.

10/675,772

Examiner

Leigh Marie Garbowski

Applicant(s)/Patent under Reexamination

**BUECHNER ET AL.** 

Art Unit

2825

|   | √ | Rejected |
|---|---|----------|
| ١ | _ | Allowed  |

(Through numeral) Cancelled Restricted

Non-Elected N Interference

**Appeal** 0 Objected

| Claim Date |          |         |          |          | Cla           | aim          |        | Date     |        |        |          |          | CI      | aim  | Date     |        |                    |          |       |          |        |        |        |        |        |          |   |   |        |
|------------|----------|---------|----------|----------|---------------|--------------|--------|----------|--------|--------|----------|----------|---------|--|----------|--------|--------------------|----------|-------|----------|--------|--------|--------|--------|--------|----------|---|---|--------|
|            | _        |         |          |          |               |              |        |          |        |        | -E       | П        |         | 1  |          |        |                    |          |       | 키        |        |        |        |        |        |          |   |   |        |
| Final      | Original | 11/3/05 | 1/19/05  | - 1      |               |              |        |          |        | Final  | Original |          |         |  |          | 1      |                    |          | Final | Original |        |        | - 1    |        |        |          |   |   |        |
| 12         | Ĕ        | Ξ       | <u> </u> | - 1      |               | 1            |        | ΙI       |        | 证      | Ę        |          |         |  |          |        |                    |          | 谎     | )rić     |        | 1      |        |        |        |          |   |   |        |
|            | ١        |         |          | - 1      |               |              |        |          |        |        |          |          |         |  |          |        |                    |          |       |          |        |        |        |        |        |          |   |   |        |
|            | 1        | +       | 1        |          |               | Т            |        |          |        |        | 51       |          |         |  |          |        |                    |          |       | 101      |        |        |        |        |        |          |   |   |        |
|            | 2        | ÷       | 1        |          | Т             |              |        | П        |        |        | 52       | П        |         | İ  | П        |        |                    |          |       | 102      |        |        |        |        |        | П        |   | П   | ٦      |
| $\Box$     | 3        | +       | 7        |          |               |              |        |          |        |        | 53       |          |         |  |          |        |                    |          |       | 103      |        |        |        |        |        |          |   |   |        |
|            | 4        | +       | 1        |          | $\top$        |              |        |          |        |        | 54       |          |         |  |          |        |                    |          |       | 104      |        |        |        |        |        |          |   |   |        |
|            | 5        | +       | 1        |          |               |              |        | П        |        |        | 55       |          |         |  |          | $\neg$ |                    |          |       | 105      |        |        | $\Box$ |        |        |          |   |   | П      |
| $\Box$     | 6        | ÷       | 1        |          |               |              |        |          |        |        | 56       |          |         |  |          |        |                    |          |       | 106      |        |        |        |        |        |          |   |   |        |
| $\Box$     | 7        | ÷       | OΛ       |          | $\neg \vdash$ | Т            |        |          |        |        | 57       |          |         |  |          |        |                    |          |       | 107      |        |        |        |        |        |          |   |   |        |
|            | 8        | ÷       | 1        |          |               |              |        |          |        |        | 58       |          |         |  | П        |        |                    |          |       | 108      |        |        |        |        |        | $\Box$   |   | $\Box$  |        |
|            | 9        | +       | 1        |          |               |              |        |          |        |        | 59       |          |         |  |          |        |                    |          |       | 109      |        |        |        |        |        |          |   | $\Box$  |        |
|            | 10       | ÷       | 0=       |          |               | Т            |        |          |        |        | 60       |          |         |  | П        |        |                    |          |       | 110      |        |        |        |        |        |          |   |   |        |
|            | 11       | ÷       | =        |          |               | İ            | П      |          |        |        | 61       |          | $\top$  |  | П        |        |                    |          |       | 111      |        |        |        |        |        |          |   |   |        |
|            | 12       | ÷       | =        |          |               |              |        |          |        |        | 62       |          | T       | $I^{-}$  |          |        | $oxed{oxed}$       |          |       | 112      |        |        |        |        |        |          | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\Box$  |        |
|            | 13       | +       | =        |          |               | $\Gamma$     |        |          |        |        | 63       |          | Т       | Γ  |          |        |                    |          |       | 113      |        |        |        |        |        | ▔        |   |   | ╝      |
|            | 14       | +       | =        |          | $\perp$       | $oxed{oxed}$ |        |          |        |        | 64       |          | I       |  |          |        | $oxed{\mathbb{T}}$ |          |       | 114      |        |        |        |        |        |          |   |   |        |
|            | 15       | ÷       | =        |          |               | $oxed{1}$    |        |          |        |        | 65       |          | $\perp$ |  |          |        |                    |          |       | 115      |        |        |        |        |        |          |   | $\Box$  |        |
|            | 16       | ÷       | =        |          | T             |              |        |          |        |        | 66       |          | Τ       |  |          |        | $oxed{\mathbb{L}}$ |          |       | 116      |        |        |        |        |        |          | $\Box$  | $\Box$  |        |
|            | 17       | +       | 0=       |          |               | Π            |        |          |        |        | 67       |          |         | $\prod$  |          |        | $oxed{\Box}$       |          |       | 117      |        |        |        |        |        |          | $oxed{J}$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $\Box$ |
|            | 18       | ÷       | 0=       |          |               | Ι            |        |          |        |        | 68       |          |         |  |          |        |                    |          |       | 118      |        |        |        |        |        |          |   | $\Box$  | ┚      |
|            | 19       | +       | 1        | $\neg$   | $\top$        | T            |        | П        |        |        | 69       |          |         | Т  | П        |        | 1                  |          |       | 119      |        |        |        |        |        |          |   | $\Box$  |        |
|            | 20       | +       | N        |          | $\top$        | 1            |        |          |        |        | 70       |          | T       | 1  | П        | T      | $\top$             | $\sqcap$ |       | 120      |        |        |        |        |        | П        | $\Box$  | Т   | ヿ      |
|            | 21       | +       | N        |          | $\neg \vdash$ |              |        | П        |        |        | 71       |          | $\top$  | 1  | П        |        |                    | П        |       | 121      |        |        | $\neg$ |        |        |          |   | Т   | П      |
|            | 22       | +       | N        |          |               | 1            |        | П        |        | $\Box$ | 72       |          | 丁       | $\top$   | П        | $\neg$ | 7                  |          |       | 122      |        |        |        |        | T      | П        | $\Box$  | $\top$  | ٦      |
|            | .23      | +       | N        |          |               | 7            |        | П        |        | $\Box$ | 73       |          | T       | T  |          |        |                    | П        |       | 123      |        |        | $\neg$ | $\neg$ |        | $\Box$   | $\neg$  | $\top$  |        |
|            | 24       |         |          | T        | $\top$        | $\top$       |        |          |        |        | 74       |          | 1       | $\top$   |          |        |                    | П        |       | 124      |        | П      | $\neg$ |        | $\neg$ | П        | _   | $\top$  | $\neg$ |
|            | 25       |         |          | $\neg$   | $\neg \vdash$ | Т            |        | П        |        |        | 75       |          | $\top$  | $\top$   | П        |        | 1                  |          |       | 125      |        |        | $\neg$ |        |        | П        |   | $\neg$  |        |
|            | 26       | $\neg$  |          |          |               | T            |        |          |        |        | 76       |          |         |  | П        |        | 1                  |          |       | 126      |        |        |        | $\neg$ | $\neg$ | П        |   | $\neg$  | $\neg$ |
| $\Box$     | 27       |         | $\neg$   |          |               | 1            |        |          |        |        | 77       |          |         |  | П        |        |                    | П        |       | 127      |        |        | T      |        |        |          |   | Т   |        |
|            | 28       |         | $\neg$   | T        | 1             | 7            |        | П        |        |        | 78       |          |         | 7  | $\Box$   |        | $\top$             | $\Box$   |       | 128      |        |        | $\neg$ | $\neg$ | $\neg$ | П        | $\neg$  | $\top$  | ٦      |
|            | 29       |         | 寸        | $\dashv$ | 1             | $\top$       | $\Box$ |          |        |        | 79       |          |         | $\top$   |          |        | 1                  |          |       | 129      |        |        |        |        |        |          |   | $\top$  | ヿ      |
| F          | 30       |         | 寸        | 一        | $\neg \vdash$ | $\top$       |        |          |        |        | 80       |          |         | 1  |          |        |                    | $\Box$   |       | 130      |        |        |        |        | $\neg$ | $\neg$   | $\neg$  | $\top$  | ヿ      |
|            | 31       |         | T        | $\top$   | $\top$        |              | П      | П        |        |        | 81       |          | _       | <del>                                     </del> |          |        | $\top$             | П        |       | 131      |        | $\Box$ | ヿ      | $\neg$ |        | $\neg$   | $\neg \vdash$   | $\top$  | ヿ      |
| 1.1        | 32       |         | T        |          | $\neg$        |              | П      | П        |        |        | 82       |          |         | 1  |          |        | 1                  |          |       | 132      |        |        |        |        |        | $\neg$   |   | 寸   | ヿ      |
|            | 33       |         |          |          | 1             |              |        |          |        |        | 83       |          | $\top$  | 1  |          |        | T                  | П        |       | 133      |        |        | $\neg$ |        |        | $\neg$   |   | $\top$  | ヿ      |
|            | 34       |         | $\neg$   | $\top$   | 1             |              | П      | П        | $\neg$ |        | 84       |          | 1       | Т  |          |        | 7                  | П        |       | 134      |        | $\Box$ | 一      |        | $\neg$ | $\neg$   | $\top$  | $\top$  | ٦      |
|            | 35       |         | $\neg$   |          | T             | T            | П      | П        |        |        | 85       |          |         | Τ  | П        |        |                    |          |       | 135      |        |        |        |        |        | コ        | 丁   | $\Box$  | $\Box$ |
|            | 36       |         | 寸        | $\top$   | 1             | Т            | П      | П        |        |        | 86       |          | T       | 1  |          |        | 7                  | П        |       | 136      |        |        | $\neg$ | $\neg$ | $\neg$ | $\neg$   | $\top$  | $\Box$  | ٦      |
|            | 37       |         | 7        | 1        | T             |              | П      |          |        |        | 87       |          | 1       | T  |          |        | $\top$             | П        |       | 137      |        | $\Box$ | 寸      | $\neg$ | $\neg$ | $\neg$   |   | $\top$  | ٦      |
|            | 38       | •       | 寸        | $\neg$   | 1             | 1            |        |          |        |        | 88       |          | $\top$  | T  |          |        | $\top$             | П        |       | 138      |        |        |        |        |        | _        | $\neg$  | $\top$  | ヿ      |
|            | 39       | $\neg$  |          | $\top$   | 1             | 1            | П      |          | $\neg$ |        | 89       |          |         | 1  |          |        |                    | П        |       | 139      |        | $\neg$ | $\neg$ | 一      | $\neg$ | $\neg$   | $\neg$  | $\top$  | ٦      |
|            | 40       |         | $\neg$   | $\neg$   | 7             | T            | $\Box$ | П        | 7      |        | 90       |          | 1       | Τ  | П        |        | 1                  | П        |       | 140      |        |        | 一      | $\neg$ | $\neg$ | $\neg$   | 7   | $\top$  | $\neg$ |
|            | 41       |         | 7        | $\top$   | $\top$        | $\top$       | П      | П        |        |        | 91       |          | $\top$  | T  |          |        | T                  | П        |       | 141      |        |        | $\neg$ | $\neg$ |        | $\neg$   | ヿ   | $\top$  | ٦      |
|            | 42       |         | 一        | 十        | T             | 1            | П      | $\Box$   |        |        | 92       | $\sqcap$ | T       |  | П        |        | T                  | П        |       | 142      |        |        | 寸      | $\neg$ | $\neg$ | $\dashv$ | $\top$  | 十   | ヿ      |
|            | 43       | $\neg$  | $\dashv$ | $\neg$   |               | $\top$       | П      | Ħ        |        |        | 93       |          | $\top$  | T  | $\Box$   |        | T                  | П        |       | 143      |        |        |        | $\neg$ |        | $\neg$   | $\top$  | 丁   | コ      |
|            | 44       | $\neg$  | $\dashv$ | $\neg$   | $\top$        | 1            | П      | $\Box$   |        |        | 94       |          | Т       | 1  | П        | $\top$ | T                  | П        |       | 144      |        |        |        | $\neg$ | $\neg$ | $\neg$   | $\dashv$  | $\top$  | $\neg$ |
|            | 45       | $\neg$  | $\dashv$ | $\top$   | $\top$        | 1            | П      |          |        |        | 95       |          | 1       | Τ  | $\sqcap$ | $\top$ | 1                  | П        |       | 145      |        |        |        |        |        | $\neg$   | $\neg$  | $\top$  | ٦      |
|            | 46       | $\neg$  |          |          |               |              | П      | $\sqcap$ |        |        | 96       |          | T       | Γ  | П        |        | 1                  | П        |       | 146      |        |        |        | $\neg$ |        | $\neg$   | $\top$  | $\top$  | $\neg$ |
|            | 47       | $\neg$  | $\dashv$ | $\top$   | $\top$        | 1            | П      |          | $\neg$ |        | 97       |          | $\top$  | 1  |          |        | 1                  | П        |       | 147      | $\neg$ | $\Box$ | $\neg$ | コ      | $\neg$ | $\dashv$ | 寸   | 十   | ٦      |
|            | 48       |         | $\neg$   | 7        | 1             | $\top$       | П      | $\Box$   |        |        | 98       |          |         | 1  | П        | _      | 1                  | П        |       | 148      |        |        |        | T      | $\neg$ | $\dashv$ | $\top$  | $\top$  | ٦      |
|            | 49       |         | $\neg$   |          | T             | $\top$       | П      | $\Box$   | $\neg$ |        | 99       |          | 1       | Τ  | П        |        | 1                  | П        |       | 149      |        | $\Box$ | T      | T      | 一      | ヿ        | $\neg$  | $\top$  | ٦      |
|            | 50       |         | $\neg$   | $\neg$   | 1             | T            |        |          |        |        | 100      |          | T       | $\top$   |          | $\neg$ | $\top$             | $\Box$   |       | 150      |        |        |        | T      | $\neg$ |          | $\neg$  |   | ٦      |